

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 July 2000 (06.07.2000)

PCT

(10) International Publication Number
WO 00/39297 A3

(51) International Patent Classification⁷: C12N 15/25,
C07K 14/545, C12N 15/63, 5/10, C07K 19/00, 16/24

(74) Agents: LOVE, Richard, B. et al.; Genentech, Inc., 1
DNA Way, South San Francisco, CA 94080-4990 (US).

(21) International Application Number: PCT/US99/30720

(22) International Filing Date:
22 December 1999 (22.12.1999)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/113,430 23 December 1998 (23.12.1998) US
60/116,843 22 January 1999 (22.01.1999) US
60/129,122 13 April 1999 (13.04.1999) US

(81) Designated States (*national*): AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): GENENTECH, INC. [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).

Published:
— With international search report.

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): GODDARD, Audrey [CA/US]; 110 Congo Street, San Francisco, CA 94131 (US). PAN, James [CA/US]; 2705 Coronet Boulevard, Belmont, CA 94002 (US).

(88) Date of publication of the international search report:
22 February 2001

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: IL-1 RELATED POLYPEPTIDES

(57) Abstract: The present invention is directed to novel polypeptides having homology to the IL-1-like family of proteins and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention, and methods for producing the polypeptides of the present invention.

WO 00/39297 A3

20051101 99569860